

## SEQUENCE LISTING

&lt;110&gt; IPF PharmaCeuticals GmbH

&lt;120&gt; A method of inhibiting the emigration of cells from the intravascular compartment into tissues

&lt;130&gt; 030331wo ME/BM

&lt;140&gt;

&lt;141&gt;

&lt;160&gt; 20

&lt;170&gt; PatentIn Ver. 2.1

&lt;210&gt; 1

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[1-74]

&lt;400&gt; 1

Thr Lys Thr Glu Ser Ser Arg Gly Pro Tyr His Pro Ser Glu Cys  
1 5 10 15

Cys

&lt;210&gt; 2

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[6-74]

&lt;400&gt; 2

Ser Ser Arg Gly Pro Tyr His Pro Ser Glu Cys Cys  
1 5 10

&lt;210&gt; 3

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[7-74]

&lt;400&gt; 3

Ser Arg Gly Pro Tyr His Pro Ser Glu Cys Cys  
1 5 10

&lt;210&gt; 4

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[8-74]

<400> 4  
Arg Gly Pro Tyr His Pro Ser Glu Cys Cys  
1 5 10

<210> 5  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[9-74]

<400> 5  
Gly Pro Tyr His Pro Ser Glu Cys Cys  
1 5

<210> 6  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: N-terminal sequence of CCL11 (eotaxin)

<400> 6  
Gly Pro Ala Ser Val Pro Thr Cys Cys  
1 5

<210> 7  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[10-74]

<400> 7  
Pro Tyr His Pro Ser Glu Cys Cys  
1 5

<210> 8  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[11-74]

<400> 8  
Tyr His Pro Ser Glu Cys Cys  
1 5

<210> 9  
<211> 6  
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[12-74]

<400> 9

His Pro Ser Glu Cys Cys  
1 5

<210> 10

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CRIC3

<400> 10

Pro Tyr His Pro Ser Glu Cys Cys  
1 5

<210> 11

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative Bis>NNY-CCL14

<400> 11

Pro Tyr His Pro Ser Glu Cys Cys  
1 5

<210> 12

<211> 65

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal sequence of CCL14 derivative CCL14[10-74]

<400> 12

Pro Tyr His Pro Ser Glu Cys Cys Phe Thr Tyr Thr Thr Tyr Lys Ile  
1 5 10 15

Pro Arg Gln Arg Ile Met Asp Tyr Tyr Glu Thr Asn Ser Gln Cys Ser  
20 25 30

Lys Pro Gly Ile Val Phe Ile Thr Lys Arg Gly His Ser Val Cys Thr  
35 40 45

Asn Pro Ser Asp Lys Trp Val Gln Asp Tyr Ile Lys Asp Met Lys Glu  
50 55 60

Asn

65

<210> 13

<211> 67

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: N-terminal sequence of CXCL12 derivative CXCL12[1-67]

&lt;400&gt; 13

Lys	Pro	Val	Ser	Leu	Ser	Tyr	Arg	Cys	Pro	Cys	Arg	Phe	Phe	Glu	Ser
1				5					10					15	

His	Val	Ala	Arg	Ala	Asn	Val	Lys	His	Leu	Lys	Ile	Leu	Asn	Thr	Pro
						20			25				30		

Asn	Cys	Ala	Leu	Gln	Ile	Val	Ala	Arg	Leu	Lys	Asn	Asn	Asn	Arg	Gln
					35			40			45				

Val	Cys	Ile	Asp	Pro	Lys	Leu	Lys	Trp	Ile	Gln	Glu	Tyr	Leu	Glu	Lys
					50			55			60				

Ala Leu Asn

65

&lt;210&gt; 14

&lt;211&gt; 67

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: N-terminal sequence of CXCL12 derivative CXCL12V3I[1-67]

&lt;400&gt; 14

Lys	Pro	Ile	Ser	Leu	Ser	Tyr	Arg	Cys	Pro	Cys	Arg	Phe	Phe	Glu	Ser
1					5				10					15	

His	Val	Ala	Arg	Ala	Asn	Val	Lys	His	Leu	Lys	Ile	Leu	Asn	Thr	Pro
						20			25				30		

Asn	Cys	Ala	Leu	Gln	Ile	Val	Ala	Arg	Leu	Lys	Asn	Asn	Asn	Arg	Gln
					35			40			45				

Val	Cys	Ile	Asp	Pro	Lys	Leu	Lys	Trp	Ile	Gln	Glu	Tyr	Leu	Glu	Lys
					50			55			60				

Ala Leu Asn

65

&lt;210&gt; 15

&lt;211&gt; 66

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: N-terminal sequence of CXCL12 derivative CXCL12[2-67]

&lt;400&gt; 15

Pro	Val	Ser	Leu	Ser	Tyr	Arg	Cys	Pro	Cys	Arg	Phe	Phe	Glu	Ser	His
1					5				10					15	

Val	Ala	Arg	Ala	Asn	Val	Lys	His	Leu	Lys	Ile	Leu	Asn	Thr	Pro	Asn
					20				25			30			

Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Arg Gln Val

35

40

45

Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys Ala  
 50 55 60

Leu Asn  
 65

<210> 16  
 <211> 66  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: N-terminal  
 sequence of CXCL12 derivative CXCL12V3I[2-67]

<400> 16  
 Pro Ile Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser His  
 1 5 10 15

Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro Asn  
 20 25 30

Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln Val  
 35 40 45

Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys Ala  
 50 55 60

Leu Asn  
 65

<210> 17  
 <211> 72  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: N-terminal  
 sequence of CXCL12 derivative CXCL12[1-72]

<400> 17  
 Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser  
 1 5 10 15

His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro  
 20 25 30

Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln  
 35 40 45

Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys  
 50 55 60

Ala Leu Asn Lys Arg Phe Lys Met  
 65 70

<210> 18  
 <211> 72  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal sequence of CXCL12 derivative CXCL12V3I[1-72]

<400> 18  
 Lys Pro Ile Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser  
 1 5 10 15  
 His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro  
 20 25 30  
 Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln  
 35 40 45  
 Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys  
 50 55 60  
 Ala Leu Asn Lys Arg Phe Lys Met  
 65 70

<210> 19

<211> 71

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal sequence of CXCL12 derivative CXCL12[2-72]

<400> 19  
 Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser His  
 1 5 10 15  
 Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro Asn  
 20 25 30  
 Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln Val  
 35 40 45  
 Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys Ala  
 50 55 60  
 Leu Asn Lys Arg Phe Lys Met  
 65 70

<210> 20

<211> 71

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: N-terminal sequence of CXCL12 derivative CXCL12V3I[2-72]

<400> 20  
 Pro Ile Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser His  
 1 5 10 15  
 Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro Asn  
 20 25 30  
 Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln Val  
 35 40 45  
 Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys Ala  
 50 55 60

Leu Asn Lys Arg Phe Lys Met  
65                   70